

AMENDMENTS TO THE CLAIMS

1. (CURRENTLY AMENDED) A lubricative composition for industrial machinery and equipment, said composition comprising a base oil selected from mineral oils, fats and oils, synthetic oils and mixtures of two or more of them, the following component A, and at least one additive selected from the following components (A)-(B) to (D)-(E);

wherein component (A)-(B) is a phosphorus compound comprising (A-1) a phosphorus-containing carboxylic acid and/or (A-2) a thiophosphoric ester;

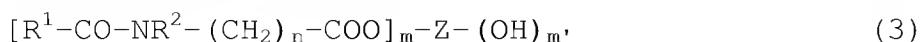
wherein component (B)-(C) is a dispersant viscosity index improver;
wherein component (C)-(D) is the following component comprises (C-1) and/or component (C-2), wherein component (C-1)-(D) comprises at least one kind of a compound represented by the following formulas (1) to (3):



wherein R^1 is an alkyl group having 6 to 30 carbon atoms or an alkenyl group having 6 to 30 carbon atoms, R^2 is an alkyl group having 1 to 4 carbon atoms, X^1 is hydrogen, an alkyl group having 1 to 30 carbon atoms or an alkenyl group having 1 to 30 carbon atoms, and n is an integer of 1 to 4,



wherein R^1 is an alkyl group having 6 to 30 carbon atoms or an alkenyl group having 6 to 30 carbon atoms, R^2 is an alkyl group having 1 to 4 carbon atoms, Y^1 is an alkali metal or an alkali earth metal, n is an integer of 1 to 4, and m is 1 when Y^1 is an alkali metal and 2 when Y^1 is an alkali earth metal, and



wherein R^1 is an alkyl group having 6 to 30 carbon atoms or an alkenyl group having 6 to 30 carbon atoms, R^2 is an alkyl group having 1 to 4 carbon atoms, Z is a residue having a hydroxyl group removed from a polyhydric alcohol with two or more valences, m is an integer of 1 or more, m' is an integer of 0 or more, $m + m'$ is a valence number of Z , and n is an integer of 1 to 4,

and wherein component (C-2) comprises a compound represented by the following formula (4):



wherein R^3 is an alkyl group having 7 to 29 carbon atoms, an alkenyl group having 7 to 29 carbon atoms or a group represented by the formula (5):



wherein R^4 is an alkyl group having 1 to 20 carbon atoms or hydrogen; and

wherein component (D) is an ester oiliness improver.

Claims 2 - 6 (CANCELED).

7. (PREVIOUSLY PRESENTED) A lubricating oil composition comprising the lubricative composition according to claim 1, wherein the additive comprises the ester oiliness improver of said component (D) which is an ester of a polyhydric alcohol and a fatty acid of monobasic acids.

8. (CURRENTLY AMENDED) The lubricating oil composition according to claim 7, wherein the ester oiliness improver of said component (D) which is an ester of a polyhydric alcohol and

a fatty acid of monobasic acids is any one selected from the following esters of (D-1) to (D-3):

(D-1): an ester of a polyhydric alcohol and an unsaturated fatty acid containing a partial ester with the degree of esterification of 1 and a partial ester with the degree of esterification of 2 or more;

(D-2): a whole ester of a polyhydric alcohol and a mixture of fatty acids, wherein the fatty acids are short-chained fatty acids and long-chained fatty acids; and

(D-3): an ester of a polyhydric alcohol and a branched saturated fatty acid containing a partial ester with the degree of esterification of 1 and a partial ester with the degree of esterification of 2 or more.

Claim 9 (CANCELED).

10. (New) A lubricative composition for industrial machinery and equipment which comprises a base oil selected from mineral oils, fats and oils, synthetic oils and mixtures of two or more of them; component (C); and at least one additive selected from components (A), (B) and (D); wherein component (A) comprises (A-1) a phosphorus-containing carboxylic acid or (A-2) a thiophosphoric ester; wherein component (B) is a dispersant viscosity index improver; wherein component (C) comprises (C-1) and/or (C-2), wherein (C-1) comprises at least one kind of a compound represented by the following formulas (1) to (3):

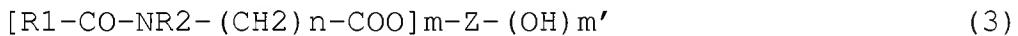


wherein R1 is an alkyl group having 6 to 30 carbon atoms or an alkenyl group having 6 to 30 carbon atoms, R2 is an alkyl

group having 1 to 4 carbon atoms, X1 is hydrogen, an alkyl group having 1 to 30 carbon atoms or an alkenyl group having 1 to 30 carbon atoms, and n is an integer of 1 to 4,



wherein R1 is an alkyl group having 6 to 30 carbon atoms or an alkenyl group having 6 to 30 carbon atoms, R2 is an alkyl group having 1 to 4 carbon atoms, Y1 is an alkali metal or an alkali earth metal, n is an integer of 1 to 4, and m is 1 when Y1 is an alkali metal and 2 when Y1 is an alkali earth metal, and



wherein R1 is an alkyl group having 6 to 30 carbon atoms or an alkenyl group having 6 to 30 carbon atoms, R2 is an alkyl group having 1 to 4 carbon atoms, Z is a residue having a hydroxyl group removed from a polyhydric alcohol with two or more valences, m is an integer of 1 or more, m' is an integer of 0 or more, m + m' is a valence number of Z, and n is an integer of 1 to 4,

and wherein component (C-2) comprises a compound represented by the following formula (4):



wherein R3 is an alkenyl group having 7 to 29 carbon atoms or a group represented by the formula (5):



wherein R4 is an alkyl group having 1 to 20 carbon atoms or hydrogen; and

wherein component (D) is an ester oiliness improver.

11. (New) A lubricating oil composition comprising the lubricative composition according to claim 10, wherein the

additive comprises component (D), an ester oiliness improver, which is an ester of a polyhydric alcohol and a fatty acid of a monobasic acid.

12. (New) The lubricating oil composition according to claim 11, wherein the ester oiliness improver is selected from the following esters (D-1) to (D-3):

(D-1): an ester of a polyhydric alcohol and an unsaturated fatty acid containing a partial ester with a degree of esterification of 1 and a partial ester with a degree of esterification of 2 or more;

(D-2): a whole ester of a polyhydric alcohol and a mixture of fatty acids, wherein the fatty acids comprise short-chain fatty acids and long-chain fatty acids; and

(D-3): an ester of a polyhydric alcohol and a branched saturated fatty acid containing a partial ester with a degree of esterification of 1 and a partial ester with a degree of esterification of 2 or more.

13. (New) A lubricative composition for industrial machinery and equipment, the composition consisting essentially of a base oil selected from mineral oils, fats and oils, synthetic oils and mixtures of two or more of them, and component (A), wherein component (A) is a phosphorus compound comprising (A-1) a phosphorus-containing carboxylic acid and (A-2) a thiophosphoric ester.

14. (New) A lubricative composition for industrial machinery and equipment, the composition consisting essentially of a base oil selected from mineral oils, fats and oils,

synthetic oils and mixtures of two or more of them, and component (C), wherein component (C) consists of (C-1) and/or (C-2),

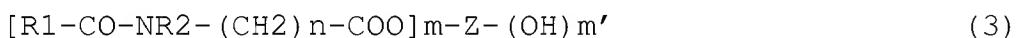
Wherein component (C-1) consists of at least one compound represented by the following formulas (1) to (3):



wherein R1 is an alkyl group having 6 to 30 carbon atoms or an alkenyl group having 6 to 30 carbon atoms, R2 is an alkyl group having 1 to 4 carbon atoms, X1 is hydrogen, an alkyl group having 1 to 30 carbon atoms or an alkenyl group having 1 to 30 carbon atoms, and n is an integer of 1 to 4,



wherein R1 is an alkyl group having 6 to 30 carbon atoms or an alkenyl group having 6 to 30 carbon atoms, R2 is an alkyl group having 1 to 4 carbon atoms, Y1 is an alkali metal or an alkali earth metal, n is an integer of 1 to 4, and m is 1 when Y1 is an alkali metal and 2 when Y1 is an alkali earth metal, and



wherein R1 is an alkyl group having 6 to 30 carbon atoms or an alkenyl group having 6 to 30 carbon atoms, R2 is an alkyl group having 1 to 4 carbon atoms, Z is a residue having a hydroxyl group removed from a polyhydric alcohol with two or more valences, m is an integer of 1 or more, m' is an integer of 0 or more, m + m' is a valence number of Z, and n is an integer of 1 to 4,

and wherein (C-2) is a compound represented by the following formula (4):



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wherein R3 is an alkenyl group having 7 to 29 carbon atoms or a group represented by the formula (5):

R4-C6H4O- (5)

wherein R4 is an alkyl group having 1 to 20 carbon atoms or hydrogen.